

ds

Set	Items	Description
S1	88	E1-E8
S2	8	S1 AND CD40
S3	7	RD S2 (unique items)
S4	1251	(BISPECIFIC? OR BIFUNCTION? OR CONJUGAT?) (20N) (DENDRITIC OR APC OR ANTIGEN(W)PRESENT?)
S5	29	S4 AND CD40
S6	22	RD S5 (unique items)✓
S7	101	(BISPECIFIC? OR BIFUNCTION? OR CONJUGAT?) (20N) (CD40)
S8	67	RD S7 (unique items)

? t s8/3/35-67

8/3/35 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

139281208 CA: 139(18)281208z PATENT
Targeting of myocardial angiogenesis through CD13/APN conjugates and use for diagnosis and therapy of cardiovascular diseases
INVENTOR(AUTHOR): Demuinck, Ebo D.; Shapiro, Linda H.
LOCATION: Neth.
ASSIGNEE: Cardiovascular Research Institute Maastricht; St. Jude's Children's Research Hospital
PATENT: European Pat. Appl. ; EP 1346729 A1 DATE: 20030924
APPLICATION: EP 200276146 (20020319)
PAGES: 33 pp. CODEN: EPXXDW LANGUAGE: English CLASS: A61K-047/48A
DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE; MC; PT; IE; SI; LT; LV; FI; RO; MK; CY; AL; TR

8/3/36 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

139259976 CA: 139(17)259976b PATENT
Treatment of B cell malignancies using anti-CD40L antibodies in combination with anti-CD20 antibodies and/or chemotherapeutics and radiotherapy
INVENTOR(AUTHOR): Hanna, Nabil; Hariharan, Kandasamy
LOCATION: USA
ASSIGNEE: Idec Pharmaceuticals
PATENT: U.S. Pat. Appl. Publ. ; US 20030180292 A1 DATE: 20030925
APPLICATION: US 96963 (20020314)
PAGES: 23 pp. CODEN: USXXCO LANGUAGE: English CLASS: 424141100; A61K-051/00A; A61K-039/395B; A61K-031/525B; A61K-031/52B

8/3/37 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

139259964 CA: 139(17)259964w PATENT
Bispecific antibody mutants with enhanced rate of clearance for diagnosis and treatment of immune, autoimmune, cardiovascular and neurological diseases
INVENTOR(AUTHOR): Qu, Zhengxing; Hansen, Hans; Goldenberg, David M.
LOCATION: USA
ASSIGNEE: Immunomedics, Inc.; McCall, John Douglas
PATENT: PCT International ; WO 200374569 A2 DATE: 20030912
APPLICATION: WO 2003GB871 (20030303) *US PV361037 (20020301)
PAGES: 68 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-016/46A; A61K-047/48B; A61K-051/10B; A61P-035/00B; A61P-037/00B; A61P-031/00B;

G01N-033/577B DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG
; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI;
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK;
LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT;
RO; RU; SC; SD; SE; SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; UZ; VC; VN;
YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH
; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ;
DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; RO; SE; SI; SK;
TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

8/3/38 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

139259963 CA: 139(17)259963v PATENT
Anti-CD74 antibodies and conjugates for diagnosis and treatment of immune
and autoimmune diseases, infections and cancers
INVENTOR(AUTHOR): Hansen, Hans; Leung, Shui-on; Qu, Zhengxing;
Goldenberg, David M.
LOCATION: USA
ASSIGNEE: Immunomedics, Inc.; McCall, John Douglas
PATENT: PCT International ; WO 200374567 A2 DATE: 20030912
APPLICATION: WO 2003GB890 (20030303) *US PV360259 (20020301)
PAGES: 91 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-016/28A;
A61K-039/395B; A61P-035/02B; G01N-033/574B DESIGNATED COUNTRIES: AE; AG;
AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE;
DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP;
KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX;
MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; TJ; TM; TN; TR;
TT; TZ; UA; UG; UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ;
TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW
; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU;
MC; NL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML;
MR; NE; SN; TD; TG

8/3/39 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

139196278 CA: 139(13)196278c PATENT
Anti-CD20 antibodies and fusion proteins for diagnosis and treatment of B
cell disease, B cell malignancy and autoimmune diseases
INVENTOR(AUTHOR): Hansen, Hans; Qu, Zhengxing; Goldenberg, David M.
LOCATION: USA
ASSIGNEE: Immunomedics, Inc.; McCall, John Douglas
PATENT: PCT International ; WO 200368821 A2 DATE: 20030821
APPLICATION: WO 2003GB665 (20030214) *US PV356132 (20020214) *US PV416232
(20021007)
PAGES: 106 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-016/28A;
A61K-039/395B; C12N-015/13B; C12N-005/10B; G01N-033/53B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD;
SE; SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; UZ; VC; VN; YU; ZA; ZM; ZW;
AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW
; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; SE; SI; SK; TR; BF; BJ; CF; CG;
CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

8/3/40 (Item 6 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

139005639 CA: 139(1)5639p PATENT

Anti-CD30 antibody-cytotoxic agent conjugates for treating non-cancer immunological disorders

INVENTOR(AUTHOR): Law, Che-Leung; Klussman, Kerry; Wahl, Alan F.; Senter, Peter; Doronina, Svetlana; Toki, Brian

LOCATION: USA

ASSIGNEE: Seattle Genetics, Inc.

PATENT: PCT International ; WO 200343583 A2 DATE: 20030530

APPLICATION: WO 2002US37223 (20021120) *US PV331750 (20011120)

PAGES: 194 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-000/A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW ; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

8/3/41 (Item 7 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

138384151 CA: 138(25)384151j PATENT

Anti-human CD40 antibodies and fragments for diagnosis and therapy of cancer

INVENTOR(AUTHOR): Bedian, Vahe; Gladue, Ronald P.; Corvalan, Jose; Jia, Xiao-Chi; Feng, Xiao

LOCATION: USA

ASSIGNEE: Pfizer Products Inc.; Abgenix, Inc.

PATENT: PCT International ; WO 200340170 A2 DATE: 20030515

APPLICATION: WO 2002US36107 (20021108) *US PV348980 (20011109)

PAGES: 177 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-000/A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL; PT; RO; RU; SC; SD; SE; SG; SI; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE ; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

8/3/42 (Item 8 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

138112393 CA: 138(8)112393e PATENT

Bispecific fusion proteins binding to cell surface proteins and effector cells and their use in tumor therapy

INVENTOR(AUTHOR): Schirmacher, Volker

LOCATION: Germany,

PATENT: European Pat. Appl. ; EP 1275724 A1 DATE: 20030115

APPLICATION: EP 2001116847 (20010710)

PAGES: 30 pp. CODEN: EPXXDW LANGUAGE: English CLASS: C12N-015/62A; C07K-016/10B; C07K-016/28B; C07K-014/705B; C07K-014/535B; C07K-014/55B; C12N-015/70B; A61K-035/12B; A61P-035/00B DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE; MC; PT; IE; SI; LT; LV; FI; RO;

MK; CY; AL; TR

8/3/43 (Item 9 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

138023657 CA: 138(3)23657b PATENT
Enhanced antigen delivery and modulation of the immune response using
antigen/anti-DEC-205 antibody conjugates
INVENTOR(AUTHOR): Hawiger, Daniel; Nussenzweig, Michel C.; Steinman,
Ralph M.
LOCATION: USA
PATENT: U.S. Pat. Appl. Publ. ; US 20020187131 A1 DATE: 20021212
APPLICATION: US 925284 (20010809) *US 381528 (19950131) *US 586704
(20000605)
PAGES: 19 pp., Cont.-in-part of U.S. Ser. No. 586,704. CODEN: USXXCO
LANGUAGE: English CLASS: 424093700; A61K-039/395A

8/3/44 (Item 10 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

137123792 CA: 137(9)123792q JOURNAL
B cells capturing antigen conjugated with CpG oligodeoxynucleotides
induce Th1 cells by elaborating IL-12
AUTHOR(S): Shiota, Hidekazu; Sano, Kunio; Hirasawa, Noriyasu; Terui,
Tadashi; Ohuchi, Kazuo; Hattori, Toshio; Tamura, Gen
LOCATION: Departments of Respiratory and Infectious Diseases, Graduate
School of Medicine, Tohoku University, Sendai, Japan, 980-8574
JOURNAL: J. Immunol. (Journal of Immunology) DATE: 2002 VOLUME: 169
NUMBER: 2 PAGES: 787-794 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE:
English PUBLISHER: American Association of Immunologists

8/3/45 (Item 11 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

137041741 CA: 137(4)41741h PATENT
Signal-1/signal-2 bifunctional peptide inhibitors able to simultaneously
bind to MHC-II and ICAM-1 on antigen-presenting cells and their use as
specific immunomodulators
INVENTOR(AUTHOR): Murray, Joseph S.; Siahaan, Teruna J.; Hu, Yongbo
LOCATION: USA
ASSIGNEE: University of Kansas
PATENT: PCT International ; WO 200250250 A2 DATE: 20020627
APPLICATION: WO 2001US48632 (20011217) *US 739466 (20001218)
PAGES: 108 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-000/A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI;
SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG;
KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ
; TZ; UG; ZM; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU;
MC; NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN;
TD; TG

8/3/46 (Item 12 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

136117385 CA: 136(8)117385x PATENT
Multi-specific reagent for selective stimulation of cell surface
receptors

INVENTOR(AUTHOR): Jung, Gundram
LOCATION: Germany,
PATENT: PCT International ; WO 200208291 A2 DATE: 20020131
APPLICATION: WO 2001EP8147 (20010714) *DE 10034607 (20000720)
PAGES: 28 pp. CODEN: PIXXD2 LANGUAGE: German CLASS: C07K-016/00A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI;
SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG;
KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ
; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;
NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

8/3/47 (Item 13 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

136084677 CA: 136(6)84677p PATENT
Methods for enhancing antibody-induced cell lysis and treating cancer
INVENTOR(AUTHOR): Weiner, George; Hartmann, Gunther
LOCATION: USA
ASSIGNEE: University of Iowa Research Foundation
PATENT: PCT International ; WO 200197843 A2 DATE: 20011227
APPLICATION: WO 2001US20154 (20010622) *US PV213346 (20000622)
PAGES: 312 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-039/395A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI;
SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ;
MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ
; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL;
PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

8/3/48 (Item 14 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

136035951 CA: 136(3)35951q CONFERENCE PROCEEDING
Role of lymphocytes in atherosclerosis
AUTHOR(S): Watanabe, Teruo
LOCATION: Department of Basic Medicine, University of Tsukuba, Japan,
JOURNAL: Saishin -Bunshi Domyaku Kokagaku EDITOR: Morisaki, Nobuhiro
(Ed), DATE: 2000 PAGES: 325-334 CODEN: 69BLKH LANGUAGE: Japanese
PUBLISHER: Medikaru Rebyusha, Tokyo, Japan

8/3/49 (Item 15 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

135370640 CA: 135(26)370640u PATENT
Human monoclonal antibodies to dendritic cells
INVENTOR(AUTHOR): Deo, Yashwant M.; Keler, Tibor
LOCATION: USA
ASSIGNEE: Medarex, Inc.
PATENT: PCT International ; WO 200185798 A2 DATE: 20011115

APPLICATION: WO 2001US15114 (20010508) *US PV203126 (20000508) *US
PV230739 (20000907)

PAGES: 95 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-016/28A;
C12N-005/20B; A01K-067/027B; C07K-016/46B; A61K-039/395B; A61K-047/48B;
G01N-033/569B; G01N-033/577B; C12N-015/63B; A61K-039/00B; A61K-039/02B;
A61K-039/12B; A61P-031/00B; A61P-035/00B; A61P-037/00B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI;
SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG;
KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ;
; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;
NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

8/3/50 (Item 16 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

135366744 CA: 135(26)366744p PATENT

Process using carrier-linked galactosyl-.alpha.-1,3-galactose moieties
for reducing antibody response against xenografts

INVENTOR(AUTHOR): Awwad, Michel

LOCATION: USA

ASSIGNEE: Biotransplant, Inc.

PATENT: PCT International ; WO 200187310 A1 DATE: 20011122

APPLICATION: WO 2001US16195 (20010518) *US PV205046 (20000518)

PAGES: 58 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-031/70A;
A61K-031/702B; A61K-039/395B; A61K-048/00B; C07G-003/00B; C07H-015/00B;
C07H-017/00B; C07K-016/28B DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU;
AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC;
EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR;
KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL;
PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU;
ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE;
; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR;
GB; GR; IE; IT; LU; MC; NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW;
ML; MR; NE; SN; TD; TG

8/3/51 (Item 17 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

135317103 CA: 135(22)317103v JOURNAL

Carrier-mediated enhancement of cognate T cell help: the basis for
enhanced immunogenicity of meningococcal outer membrane protein
polysaccharide conjugate vaccine

AUTHOR(S): Perez-Melgosa, Mercedes; Ochs, Hans D.; Linsley, Peter S.;
Laman, Jon D.; Van Meurs, Marjan; Flavell, Richard A.; Ernst, Robert K.;
Miller, Samuel I.; Wilson, Christopher B.

LOCATION: Department of Immunology, University of Washington, Seattle, WA
, USA

JOURNAL: Eur. J. Immunol. DATE: 2001 VOLUME: 31 NUMBER: 8 PAGES:
2373-2381 CODEN: EJIMAF ISSN: 0014-2980 LANGUAGE: English PUBLISHER:
Wiley-VCH Verlag GmbH

8/3/52 (Item 18 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

134041105 CA: 134(4)41105s PATENT

Recombinant anti-CD40 antibody and uses thereof
INVENTOR(AUTHOR): Siegall, Clay B.; Wahl, Alan F.; Francisco, Joseph A.;
Fell, Henry P., Jr
LOCATION: USA
ASSIGNEE: Seattle Genetics, Inc.; Fell, Henry P. Jr.
PATENT: PCT International ; WO 200075348 A1 DATE: 20001214
APPLICATION: WO 2000US15749 (20000608) *US 328296 (19990608)
PAGES: 91 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/63A;
C12N-015/00B; G01N-033/53B; A61K-038/00B; C07K-005/00B; C07K-014/00B;
C07K-016/00B; C07H-021/04B DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU;
AZ; BA; BB; BG; BR; BY; CA; CH; CN; CR; CU; CZ; DE; DK; DM; DZ; EE; ES; FI;
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK;
LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD;
SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM;
AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ
; SD; SL; SZ; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE;
IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN;
TD; TG

8/3/53 (Item 19 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

132250020 CA: 132(19)250020h PATENT
Bispecific and trispecific antibodies which specifically react with
inducible surface antigens as operational target structures
INVENTOR(AUTHOR): Lindhofer, Horst
LOCATION: Germany,
PATENT: PCT International ; WO 200018806 A1 DATE: 20000406
APPLICATION: WO 99EP7095 (19990922) *DE 19844157 (19980925) *DE 19859110
(19981221)
PAGES: 60 pp. CODEN: PIXXD2 LANGUAGE: German CLASS: C07K-016/46A;
A61K-039/395B; C07K-016/28B; C07K-016/30B DESIGNATED COUNTRIES: CA; JP; US
DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT;
LU; MC; NL; PT; SE

8/3/54 (Item 20 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

132247136 CA: 132(19)247136v PATENT
Adenoviral vectors and method to create recombinant dendritic and B cells
for use in therapy
INVENTOR(AUTHOR): Curiel, David T.; Tillman, Bryan Walter
LOCATION: USA
ASSIGNEE: The UAB Research Foundation
PATENT: PCT International ; WO 200018888 A1 DATE: 20000406
APPLICATION: WO 99US22367 (19990928) *US 102257 (19980929)
PAGES: 59 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-007/00A;
C12N-015/63B; C12N-015/85B; A61K-048/00B; A61K-035/00B
DESIGNATED COUNTRIES: AU; CA; JP DESIGNATED REGIONAL: AT; BE; CH; CY; DE
; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

8/3/55 (Item 21 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

132015592 CA: 132(2)15592n PATENT
Molecules targeting CD40 and tumor cells
INVENTOR(AUTHOR): Thomas, David W.
LOCATION: USA

ASSIGNEE: Tanox, Inc.

PATENT: PCT International ; WO 9961057 A2 DATE: 19991202

APPLICATION: WO 99US11421 (19990521) *US PV86623 (19980523)

PAGES: 19 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-039/395;
C12N-005/28; C12N-015/13; C07K-016/28; C07K-016/30 DESIGNATED COUNTRIES:
AL; AM; AU; AZ; BA; BB; BG; BR; BY; CA; CN; CU; CZ; EE; GE; GH; GM; HU; ID;
IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LV; MD; MG; MK; MN; MW;
MX; NO; NZ; PL; RO; RU; SD; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; UZ; VN;
YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ DESIGNATED REGIONAL: GH; GM; KE; LS
; MW; SD; SL; SZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE;
IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN;
TD; TG

8/3/56 (Item 22 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

131350272 CA: 131(26)350272q PATENT

Human and mouse CD40 ligands and analogs and cDNAs encoding them and
their preparation and use

INVENTOR(AUTHOR): Armitage, Richard J.; Fanslow, William C.; Spriggs,
Melanie K.; Srinivasan, Subhashini; Gibson, Marylou G.; Morris, Arvia E.;
McGrew, Jeffrey T.

LOCATION: USA

ASSIGNEE: Immunex Corporation

PATENT: United States ; US 5981724 A DATE: 19991109

APPLICATION: US 477733 (19950607) *US 783707 (19911025) *US 805723
(19911205) *US 969703 (19921023) *US 249189 (19940524)

PAGES: 65 pp., Cont.-in-part of U.S. Ser. No. 249,189. CODEN: USXXAM

LANGUAGE: English CLASS: 536023500; C12N-015/12A; C12N-015/63B

8/3/57 (Item 23 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

131128995 CA: 131(10)128995u JOURNAL

Maturation of dendritic cells accompanies high-efficiency gene transfer
by a CD40-targeted adenoviral vector

AUTHOR(S): Tillman, Bryan W.; De Gruijl, Tanja D.; Luykx-De Bakker,
Sylvia A.; Scheper, Rik J.; Pinedo, Herbert M.; Curiel, Tyler J.;
Gerritsen, Winald R.; Curiel, David T.

LOCATION: Gene Therapy Program, University of Alabama, Birmingham, AL,
35294, USA

JOURNAL: J. Immunol. DATE: 1999 VOLUME: 162 NUMBER: 11 PAGES:
6378-6383 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE: English PUBLISHER:
American Association of Immunologists

8/3/58 (Item 24 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

130218273 CA: 130(17)218273r PATENT

Phosphotyrosine phosphatase inhibitors or tyrosine kinase activators for
controlling cellular proliferation

INVENTOR(AUTHOR): Schieven, Gary L.

LOCATION: USA

ASSIGNEE: Bristol-Myers Squibb Company

PATENT: United States ; US 5877210 A DATE: 19990302

APPLICATION: US 465813 (19950605) *US 189330 (19940131)

PAGES: 73 pp., Cont.-in-part of U.S. Ser. No. 189,330. CODEN: USXXAM

LANGUAGE: English CLASS: 514492000; A01N-055/02A; A61K-039/395B;

C07F-053/00B

8/3/59 (Item 25 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

130051356 CA: 130(5)51356f PATENT
Method of ex vivo immunizing using heterologous intact bispecific and/or trispecific antibodies
INVENTOR(AUTHOR): Lindhofer, Horst; Kolb, Hans-Jochem; Zeidler, Reinhard; Bornkamm, Georg
LOCATION: Germany,
ASSIGNEE: Gsf-Forschungszentrum Fur Umwelt Und Gesundheit, Gmbh
PATENT: European Pat. Appl. ; EP 885614 A2 DATE: 19981223
APPLICATION: EP 98110972 (19980616) *DE 19725586 (19970617)
PAGES: 19 pp. CODEN: EPXXDW LANGUAGE: German CLASS: A61K-039/395A
DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE; MC; PT; IE; SI; LT; LV; FI; RO

8/3/60 (Item 26 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

129314651 CA: 129(24)314651n JOURNAL
Detection of low-affinity adhesion ligands by linking recombinant cell adhesion molecules in uniform orientation to a fluorescently labeled dextran molecule by means of hexahistidine tagging: the case of multimeric CD40
AUTHOR(S): Vassiliou, Gerard; Jakobsen, Karen; Parish, Christopher R.
LOCATION: John Curtin School of Medical Research, Division of Immunology and Cell Biology, Australian National University, Canberra, 2601, Australia
JOURNAL: J. Immunol. Methods DATE: 1998 VOLUME: 215 NUMBER: 1-2
PAGES: 9-15 CODEN: JIMMBG ISSN: 0022-1759 PUBLISHER ITEM IDENTIFIER: 0022-1759(98)00030-1 LANGUAGE: English PUBLISHER: Elsevier Science B.V.

8/3/61 (Item 27 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

129229686 CA: 129(18)229686h PATENT
Costimulation of T-cell proliferation by a chimeric bispecific costimulatory protein
INVENTOR(AUTHOR): Wels, Winfried; Gerstmayer, Bernhard
LOCATION: Germany,
ASSIGNEE: Boehringer Mannheim Gmbh
PATENT: PCT International ; WO 9839033 A1 DATE: 19980911
APPLICATION: WO 98EP1009 (19980221)
PAGES: 29 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-039/395A
DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE; DK; EE; ES; FI; GB; GE; GH; GM; GW; HU; ID; IL; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS ; MW; SD; SZ; UG; ZW; AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; ML; MR; NE; SN; TD; TG

8/3/62 (Item 28 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

128216369 CA: 128(18)216369m PATENT
Bi- and trispecific antibodies for induction of tumor immunity
INVENTOR(AUTHOR): Lindhofer, Horst; Kolb, Hans-Jochem; Thierfelder,
Stefan
LOCATION: Germany,
ASSIGNEE: GSF-Forschungszentrum fuer Umwelt und Gesundheit G.m.b.H.
Neuherberg
PATENT: Germany Offen. ; DE 19710497 A1 DATE: 19980305
APPLICATION: DE 19710497 (19970313) *DE 19635743 (19960903) *DE 19648976
(19961126)
PAGES: 18 pp. CODEN: GWXXBX LANGUAGE: German CLASS: C07K-016/28A;
A61K-039/395B

8/3/63 (Item 29 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

128100854 CA: 128(9)100854m JOURNAL
T-cell activation induced by anti-CD3 .times. anti-B-cell lymphoma
monoclonal antibody is enhanced by pretreatment of lymphoma cells with
soluble CD40 ligand
AUTHOR(S): Wooldridge, James E.; Dahle, Chris E.; Weiner, George J.
LOCATION: Iowa City Veterans Administration, Iowa City, IA, USA
JOURNAL: Cancer Immunol. Immunother. DATE: 1997 VOLUME: 45 NUMBER: 3/4
PAGES: 174-179 CODEN: CIIMDN ISSN: 0340-7004 LANGUAGE: English
PUBLISHER: Springer-Verlag

8/3/64 (Item 30 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

127204145 CA: 127(15)204145b JOURNAL
Neisserial porins may provide critical second signals to
polysaccharide-activated murine B cells for induction of immunoglobulin
secretion
AUTHOR(S): Snapper, Clifford M.; Rosas, Fabio R.; Kehry, Marilyn R.;
Mond, James J.; Wetzler, Lee M.
LOCATION: Department of Pathology, Uniformed Services University of the
Health Sciences, Bethesda, MD, 20814, USA
JOURNAL: Infect. Immun. DATE: 1997 VOLUME: 65 NUMBER: 8 PAGES:
3203-3208 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

8/3/65 (Item 31 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

127090218 CA: 127(7)90218v JOURNAL
In vivo efficacy and toxicity of a single-chain immunotoxin targeted to
CD40
AUTHOR(S): Francisco, Joseph A.; Schreiber, George J.; Comerkeski, Chuck
R.; Mezza, Laurence E.; Warner, Garvin L.; Davidson, Thomas J.; Ledbetter,
Jeffrey A.; Siegall, Clay B.
LOCATION: Mol. Immunology Autoimmunity/Transplantation Departments,
Bristol-Myers Squibb Pharmaceutical Res. Inst., Seattle, WA, 98121, USA
JOURNAL: Blood DATE: 1997 VOLUME: 89 NUMBER: 12 PAGES: 4493-4500
CODEN: BLOOAW ISSN: 0006-4971 LANGUAGE: English PUBLISHER: Saunders

8/3/66 (Item 32 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

123109746 CA: 123(9)109746g JOURNAL

Activity of a single-chain immunotoxin that selectively kills lymphoma and other B-lineage cells expressing the CD40 antigen

AUTHOR(S): Francisco, Joseph A.; Gilliland, Lisa K.; Stebbins, Mark A.; Norris, Nancy A.; Ledbeter, Jeffrey A.; Siegall, Clay B.

LOCATION: Dep. of Mol. Immunology and Autoimmunity and Transplantation, Bristol-Myers Squibb Pharmaceutical Res. Inst., Seattle, WA, 98121, USA

JOURNAL: Cancer Res. DATE: 1995 VOLUME: 55 NUMBER: 14 PAGES: 3099-104

CODEN: CNREA8 ISSN: 0008-5472 LANGUAGE: English

8/3/67 (Item 33 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

120189164 CA: 120(15)189164s JOURNAL

Synergistic stimulation of human B lymphocytes by anti-CD40 monoclonal antibodies and synthetic lipopeptide analogs from Escherichia coli lipoprotein

AUTHOR(S): Edinger, M.; Bessler, W. G.; Kleine, B.

LOCATION: Inst. Immunbiol., Univ. Freiburg, Freiburg, Germany, D-79104

JOURNAL: Immunology DATE: 1994 VOLUME: 81 NUMBER: 2 PAGES: 205-10

CODEN: IMMUAM ISSN: 0019-2805 LANGUAGE: English

?

Set	Items	Description
S1	88	E1-E8
S2	8	S1 AND CD40
S3	7	RD S2 (unique items)
S4	1251	(BISPECIFIC? OR BIFUNCTION? OR CONJUGAT?) (20N) (DENDRITIC OR APC OR ANTIGEN(W) PRESENT?)
S5	29	S4 AND CD40
S6	22	RD S5 (unique items)
S7	101	(BISPECIFIC? OR BIFUNCTION? OR CONJUGAT?) (20N) (CD40)
S8	67	RD S7 (unique items)
?		

t s10/3/all

10/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0014389861 BIOSIS NO.: 200300348580

A peptide containing a novel FPGN **CD40**-binding sequence
enhances adenoviral infection of murine and human **dendritic**
cells.

AUTHOR: Richards Julie L; Abend Johanna R; Miller Michelle L;
Chakraborty-Sett Shikha; Dewhurst Stephen (Reprint); Whetter Linda E
AUTHOR ADDRESS: Department of Microbiology and Immunology, University of
Rochester Medical Center, 601 Elmwood Avenue, Box 672, Rochester, NY, USA
**USA

AUTHOR E-MAIL ADDRESS: stephendewhurst@urmc.rochester.edu

JOURNAL: European Journal of Biochemistry 270 (10): p2287-2294 May 2003
2003

MEDIUM: print

ISSN: 0014-2956 (ISSN print)

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

10/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0014342522 BIOSIS NO.: 200300300341

Improved **stimulation** of human **dendritic** cells by receptor
engagement with surface-modified microparticles.

AUTHOR: Kempf Martina; Mandal Barnali; Jilek Samantha; Thiele Lars; Voros
Janos; Textor Markus; Merkle Hans P; Walter Elke (Reprint)

AUTHOR ADDRESS: Department of Applied BioSciences, Drug Formulation and
Delivery Group, Swiss Federal Institute of Technology Zurich (ETH),
Winterthurerstrasse 190, CH-8057, Zurich, Switzerland**Switzerland

AUTHOR E-MAIL ADDRESS: elkewalter@gmx.net

JOURNAL: Journal of Drug Targeting 11 (1): p11-18 January 2003 2003

MEDIUM: print

ISSN: 1061-186X (ISSN print)

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

10/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0014323725 BIOSIS NO.: 200300281400

CD40-targeted adenoviral gene transfer to **dendritic** cells
through the use of a novel **bispecific** single-chain Fv antibody
enhances cytotoxic T cell activation.

AUTHOR: Brandao Joana G; Scheper Rik J (Reprint); Loughheed Sinead M; Curiel
David T; Tillman Bryan W; Gerritsen Winald R; van den Eertwegh Alfons J M
; Pinedo Herbert M; Haisma Hidde J; de Gruijl Tanja D

AUTHOR ADDRESS: Department of Pathology, VU University Medical Center, 1007
MB, P.O. Box 7057, Amsterdam, Netherlands**Netherlands

AUTHOR E-MAIL ADDRESS: rj.scheper@vumc.nl

JOURNAL: Vaccine 21 (19-20): p2268-2272 2 June, 2003 2003

MEDIUM: print

ISSN: 0264-410X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract
LANGUAGE: English

10/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0014046924 BIOSIS NO.: 200300005643
Prolonged maturation and **enhanced** transduction of **dendritic**
cells migrated from human skin explants after in situ delivery of
CD40-targeted adenoviral vectors.
AUTHOR: de Gruijl Tanja D; Luykx-de Bakker Sylvia A; Tillman Bryan W; van
den Eertwegh Alfons J M; Buter Jan; Loughheed Sinead.M; van der Bij Gerben
J; Safer A Mahmoud; Haisma Hidde J; Curiel David T; Scheper Rik J
(Reprint); Pinedo Herbert M; Gerritsen Winald R
AUTHOR ADDRESS: Department of Pathology, VU University Medical Center, 1007
MB, P.O. Box 7057, Amsterdam, Netherlands**Netherlands
AUTHOR E-MAIL ADDRESS: rj.scheper@vumc.nl
JOURNAL: Journal of Immunology 169 (9): p5322-5331 November 1, 2002 2002
MEDIUM: print
ISSN: 0022-1767 (ISSN print)
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

10/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0013878032 BIOSIS NO.: 200200471543
Coxsackievirus-adenovirus receptor genetically fused to anti-human
CD40 scFv **enhances** adenoviral transduction of **dendritic**
cells
AUTHOR: Pereboev A V (Reprint); Asiedu C K; Kawakami Y; Dong S S; Blackwell
J L; Kashentseva E A; Triozzi P L; Aldrich W A; Curiel D T; Thomas J M;
Dmitriev I P
AUTHOR ADDRESS: Gene Therapy Center, University of Alabama at Birmingham,
901 19th Street South, 406 BMR-2, Birmingham, AL, 35294, USA**USA
JOURNAL: Gene Therapy 9 (17): p1189-1193 September, 2002 2002
MEDIUM: print
ISSN: 0969-7128
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

10/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0013270209 BIOSIS NO.: 200100442048
Cholera toxin B subunit as a carrier molecule promotes **antigen**
presentation and **increases** **CD40** and **CD86** expression on
antigen-presenting cells
AUTHOR: George-Chandy Annie; Eriksson Kristina (Reprint); Lebens Michael;
Nordstrom Inger; Schon Emma; Holmgren Jan
AUTHOR ADDRESS: Department of Medical Microbiology and Immunology,
Guldhedsgatan 10A, 413 46, Goteborg, Sweden**Sweden
JOURNAL: Infection and Immunity 69 (9): p5716-5725 September, 2001 2001
MEDIUM: print
ISSN: 0019-9567
DOCUMENT TYPE: Article

RECORD TYPE: Abstract
LANGUAGE: English

10/3/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0012989587 BIOSIS NO.: 200100161426
CD40 ligation for immunotherapy of solid tumours
AUTHOR: Todryk Stephen M; Tutt Alison L; Green Michael H A; Smallwood J A;
Halanek Nicole; Dalglish Angus G; Glennie Martin J (Reprint)
AUTHOR ADDRESS: Tenovus Research Laboratory, Cancer Sciences Division,
School of Medicine, General Hospital, Southampton, SO16 6YD, UK**UK
JOURNAL: Journal of Immunological Methods 248 (1-2): p139-147 1 February,
2001 2001
MEDIUM: print
ISSN: 0022-1759
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

10/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0012783752 BIOSIS NO.: 200000502065
Adenoviral vectors targeted to **CD40** enhance the efficacy of
dendritic cell-based vaccination against human papillomavirus
16-induced tumor cells in a murine model
AUTHOR: Tillman Bryan W; Hayes Traci L; deGruijl Tanja D; Douglas Joanne T;
Curiel David T (Reprint)
AUTHOR ADDRESS: Gene Therapy Center, University of Alabama at Birmingham,
1824 Sixth Avenue South, WTI 620, Birmingham, AL, 35294, USA**USA
JOURNAL: Cancer Research 60 (19): p5456-5463 October 1, 2000 2000
MEDIUM: print
ISSN: 0008-5472
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

10/3/9 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

12083072 EMBASE No: 2003194057
CD40-targeted adenoviral gene transfer to **dendritic** cells
through the use of a novel **bispecific** single-chain Fv antibody
enhances cytotoxic T cell activation
Branda(tilde)o J.G.; Scheper R.J.; Loughheed S.M.; Curiel D.T.; Tillman
B.W.; Gerritsen W.R.; Van Den Eertwegh A.J.M.; Pinedo H.M.; Haisma H.J.; De
Gruijl T.D.
R.J. Scheper, Department of Pathology, VU University Medical Center, P.O.
Box 7057, 1007 MB Amsterdam Netherlands
AUTHOR EMAIL: rj.scheper@vumc.nl
Vaccine (VACCINE) (United Kingdom) 02 JUN 2003, 21/19-20 (2268-2272)
CODEN: VACCD ISSN: 0264-410X
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 28

10/3/10 (Item 2 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

07824207 EMBASE No: 1999306530
The role of B/T costimulatory signals in the immunopotentiating activity of neisserial porin
Mackinnon F.G.; Ho Y.; Blake M.S.; Michon F.; Chandraker A.; Sayegh M.H.; Wetzler L.M.
Dr. L.M. Wetzler, Maxwell Finland Laboratory, Boston University School of Medicine, Boston Medical Center, 774 Albany St., Boston, MA 02118 United States
AUTHOR EMAIL: lwetzler@acs.bu.edu
Journal of Infectious Diseases (J. INFECT. DIS.) (United States) 1999, 180/3 (755-761)
CODEN: JIDIA ISSN: 0022-1899
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 45

10/3/11 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2004 The Dialog Corp. All rts. reserv.

16140310 PMID: 14676629
Role of CD44 and hyaluronic acid (HA) in activation of alloreactive and antigen-specific T cells by bone marrow-derived dendritic cells.
Do Yoonkyung; Nagarkatti Prakash S; Nagarkatti Mitzi
Department of Microbiology and Immunology, Medical College of Virginia Campus, Virginia Commonwealth University, Richmond, Virginia 23298-0678, USA.
Journal of immunotherapy (Hagerstown, Md. - 1997) (United States) Jan-Feb 2004, 27 (1) p1-12, ISSN 1524-9557 Journal Code: 9706083
Contract/Grant No.: R01 ES09098; ES; NIEHS; R01 HL58641; HL; NHLBI
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: In Process

10/3/12 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

139347730 CA: 139(23)347730x PATENT
Auto-stimulating cells and methods for making and using the same
INVENTOR(AUTHOR): Tykocinski, Mark L.; Zheng, Guoxing
LOCATION: USA
PATENT: U.S. Pat. Appl. Publ. ; US 20030206917 A1 DATE: 20031106
APPLICATION: US 205524 (20020725) *US 476828 (20000103) *US 957056 (20010920) *US PV398050 (20020722)
PAGES: 38 pp., Cont.-in-part of U.S. Ser. No. 957,056. CODEN: USXXCO
LANGUAGE: English CLASS: 424185100; A61K-039/00A; C12N-005/08B

10/3/13 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

139116270 CA: 139(8)116270f PATENT
Enhancing the immunogenicity of carcinoembryonic antigen
INVENTOR(AUTHOR): Klysner, Steen; Voldborg, Bjorn
LOCATION: Den.

ASSIGNEE: Pharmexa A/S
PATENT: PCT International ; WO 200359379 A2 DATE: 20030724
APPLICATION: WO 2003DK31 (20030117) *DK 200282 (20020117) *US PV350047
(20020117)

PAGES: 140 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-039/00A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;
FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC;
LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG DESIGNATED REGIONAL: GH; GM; KE
; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK;
EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; SE; SI; SK; TR; BF; BJ;
CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

10/3/14 (Item 3 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

137123792 CA: 137(9)123792q JOURNAL
B cells capturing antigen conjugated with CpG oligodeoxynucleotides
induce Th1 cells by elaborating IL-12
AUTHOR(S): Shiota, Hidekazu; Sano, Kunio; Hirasawa, Noriyasu; Terui,
Tadashi; Ohuchi, Kazuo; Hattori, Toshio; Tamura, Gen
LOCATION: Departments of Respiratory and Infectious Diseases, Graduate
School of Medicine, Tohoku University, Sendai, Japan, 980-8574
JOURNAL: J. Immunol. (Journal of Immunology) DATE: 2002 VOLUME: 169
NUMBER: 2 PAGES: 787-794 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE:
English PUBLISHER: American Association of Immunologists

10/3/15 (Item 4 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

135267231 CA: 135(19)267231n PATENT
Methods using an immunostimulatory nucleic acid molecule for increasing a
cytotoxic T lymphocyte response in vivo
INVENTOR(AUTHOR): Raz, Eyal; Cho, Hearn Jay; Richman, Douglas D.; Horner,
Anthony A.
LOCATION: USA
ASSIGNEE: The Regents of the University of California; Department of
Veterans Affairs

PATENT: PCT International ; WO 200172123 A1 DATE: 20011004
APPLICATION: WO 2001US10118 (20010328) *US PV192537 (20000328) *US
PV203567 (20000511) *US PV215895 (20000705)
PAGES: 91 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A01N-043/04A;
A61K-031/70B; C07H-021/04B; C12Q-001/68B; C12N-005/00B; C12N-015/85B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EE; ES; FI; GB; GD; GE; GH; GM;
HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV;
MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK;
SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ;
MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ
; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL;
PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

10/3/16 (Item 5 from file: 399)
DIALOG(R) File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

134294222 CA: 134(21)294222w JOURNAL

Class II-targeted antigen in superior to CD40-targeted antigen at
stimulating humoral responses in vivo

AUTHOR(S): Frleta, Davor; Demian, Douglas; Wade, William F.

LOCATION: Department of Microbiology, Dartmouth Medical School, Lebanon,
NH, 03756, USA

JOURNAL: Int. Immunopharmacol. DATE: 2001 VOLUME: 1 NUMBER: 2 PAGES:
265-275 CODEN: IINMBA ISSN: 1567-5769 PUBLISHER ITEM IDENTIFIER:
1567-5769(00)00032-1 LANGUAGE: English PUBLISHER: Elsevier Science B.V.
?

Set	Items	Description
S1	88	E1-E8
S2	8	S1 AND CD40
S3	7	RD S2 (unique items)
S4	1251	(BISPECIFIC? OR BIFUNCTION? OR CONJUGAT?) (20N) (DENDRITIC OR APC OR ANTIGEN(W)PRESENT?)
S5	29	S4 AND CD40
S6	22	RD S5 (unique items)
S7	101	(BISPECIFIC? OR BIFUNCTION? OR CONJUGAT?) (20N) (CD40)
S8	67	RD S7 (unique items)
S9	32	(BISPECIFIC? OR BIFUNCTION? OR CONJUGAT?) AND (CD40) AND (- INCREAS? OR ENHANC? OR STIMULAT?) (20N) (DENDRITIC OR ANTIGEN(W-)PRESENT? OR APC?)
S10	16	RD S9 (unique items)
?		

6/7/7 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

139336914 CA: 139(22)336914j PATENT
Treating cancer by using dendritic cell/dendritic cell mediator
combination
INVENTOR(AUTHOR): Crystal, Ronald G.; Kikuchi, Toshiaki
LOCATION: USA
ASSIGNEE: Cornell Research Foundation, Inc.
PATENT: U.S. Pat. Appl. Publ. ; US 20030202963 A1 DATE: 20031030
APPLICATION: US 421351 (20030423) *US 689195 (20001012) ;
PAGES: 38 pp., Cont. of U.S. Ser. No. 689,195, abandoned. CODEN: USXXCO
LANGUAGE: English CLASS: 424093200; A61K-048/00A; A61K-009/127B;
A61K-038/19B

6/7/22 (Item 16 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

128216369 CA: 128(18)216369m PATENT
Bi- and trispecific antibodies for induction of tumor immunity
INVENTOR(AUTHOR): Lindhofer, Horst; Kolb, Hans-Jochem; Thierfelder,
Stefan
LOCATION: Germany,
ASSIGNEE: GSF-Forschungszentrum fuer Umwelt und Gesundheit G.m.b.H.
Neuherberg
PATENT: Germany Offen. ; DE 19710497 A1 DATE: 19980305
APPLICATION: DE 19710497 (19970313) *DE 19635743 (19960903) *DE 19648976
(19961126)
PAGES: 18 pp. CODEN: GWXXBX LANGUAGE: German CLASS: C07K-016/28A;
A61K-039/395B

6/7/21 (Item 15 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

130051356 CA: 130(5)51356f PATENT
Method of ex vivo immunizing using heterologous intact bispecific and/or
trispecific antibodies
INVENTOR(AUTHOR): Lindhofer, Horst; Kolb, Hans-Jochem; Zeidler, Reinhard;
Bornkamm, Georg
LOCATION: Germany,
ASSIGNEE: Gsf-Forschungszentrum Fur Umwelt Und Gesundheit, Gmbh
PATENT: European Pat. Appl. ; EP 885614 A2 DATE: 19981223
APPLICATION: EP 98110972 (19980616) *DE 19725586 (19970617)
PAGES: 19 pp. CODEN: EPXXDW LANGUAGE: German CLASS: A61K-039/395A
DESIGNATED COUNTRIES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL;
SE; MC; PT; IE; SI; LT; LV; FI; RO
SECTION:
CA215003 Immunochemistry
IDENTIFIERS: bispecific antibody T lymphocyte Fc receptor tumor antigen
antitumor, trispecific antibody T lymphocyte Fc receptor tumor antigen
antitumor

/19 (Item 13 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

132247136 CA: 132(19)247136v PATENT

Adenoviral vectors and method to create recombinant dendritic and B cells
for use in therapy

INVENTOR(AUTHOR): Curiel, David T.; Tillman, Bryan Walter

LOCATION: USA

ASSIGNEE: The UAB Research Foundation

PATENT: PCT International ; WO 200018888 A1 DATE: 20000406

APPLICATION: WO 99US22367 (19990928) *US 102257 (19980929)

PAGES: 59 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-007/00A;
C12N-015/63B; C12N-015/85B; A61K-048/00B; A61K-035/00B

DESIGNATED COUNTRIES: AU; CA; JP DESIGNATED REGIONAL: AT; BE; CH; CY; DE
; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

6/7/17 (Item 11 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

132250020 CA: 132(19)250020h PATENT
Bispecific and trispecific antibodies which specifically react with
inducible surface antigens as operational target structures
INVENTOR(AUTHOR): Lindhofer, Horst
LOCATION: Germany,
PATENT: PCT International ; WO 200018806 A1 DATE: 20000406
APPLICATION: WO 99EP7095 (19990922) *DE 19844157 (19980925) *DE 19859110
(19981221)
PAGES: 60 pp. CODEN: PIXXD2 LANGUAGE: German CLASS: C07K-016/46A;
A61K-039/395B; C07K-016/28B; C07K-016/30B DESIGNATED COUNTRIES: CA; JP; US
DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT;
LU; MC; NL; PT; SE
SECTION:
CA215003 Immunochemistry
CA201XXX Pharmacology

6/7/16 (Item 10 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

134028321 CA: 134(3)28321q JOURNAL
Adenoviral vectors targeted to CD40 enhance the efficacy of dendritic
cell-based vaccination against human papillomavirus 16-induced tumor cells
in a murine model

AUTHOR(S): Tillman, Bryan W.; Hayes, Traci L.; DeGruijl, Tanja D.;
Douglas, Joanne T.; Curiel, David T.

LOCATION: Division of Human Gene Therapy, Departments of Medicine,
Pathology, University of Alabama at Birmingham, Birmingham, AL, USA

JOURNAL: Cancer Res. DATE: 2000 VOLUME: 60 NUMBER: 19 PAGES:
5456-5463 CODEN: CNREA8 ISSN: 0008-5472 LANGUAGE: English PUBLISHER:
American Association for Cancer Research

SECTION:
CA215002 Immunochemistry

IDENTIFIERS: adenovirus vector tumor antigen CD40 dendritic cell
transduction

DESCRIPTORS:

6/7/15 (Item 9 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

135370640 CA: 135(26)370640u PATENT
Human monoclonal antibodies to dendritic cells
INVENTOR(AUTHOR): Deo, Yashwant M.; Keler, Tibor
LOCATION: USA
ASSIGNEE: Medarex, Inc.
PATENT: PCT International ; WO 200185798 A2 DATE: 20011115
APPLICATION: WO 2001US15114 (20010508) *US PV203126 (20000508) *US
PV230739 (20000907)
PAGES: 95 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-016/28A;
C12N-005/20B; A01K-067/027B; C07K-016/46B; A61K-039/395B; A61K-047/48B;
G01N-033/569B; G01N-033/577B; C12N-015/63B; A61K-039/00B; A61K-039/02B;
A61K-039/12B; A61P-031/00B; A61P-035/00B; A61P-037/00B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI;
SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG;
KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ
; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;
NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG
SECTION:

6/7/14 (Item 8 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

136117385 CA: 136(8)117385x PATENT
Multi-specific reagent for selective stimulation of cell surface
receptors
INVENTOR(AUTHOR): Jung, Gundram
LOCATION: Germany,
PATENT: PCT International ; WO 200208291 A2 DATE: 20020131
APPLICATION: WO 2001EP8147 (20010714) *DE 10034607 (20000720)
PAGES: 28 pp. CODEN: PIXXD2 LANGUAGE: German CLASS: C07K-016/00A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI;
SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG;
KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ
; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;
NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG
SECTION:
CA215003 Immunochemistry

6/7/13 (Item 7 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

137041741 CA: 137(4)41741h PATENT
Signal-1/signal-2 bifunctional peptide inhibitors able to simultaneously
bind to MHC-II and ICAM-1 on antigen-presenting cells and their use as
specific immunomodulators
INVENTOR(AUTHOR): Murray, Joseph S.; Siahaan, Teruna J.; Hu, Yongbo
LOCATION: USA
ASSIGNEE: University of Kansas
PATENT: PCT International ; WO 200250250 A2 DATE: 20020627
APPLICATION: WO 2001US48632 (20011217) *US 739466 (20001218)
PAGES: 108 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-000/A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU;
LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI;
SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG;
KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ
; TZ; UG; ZM; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU;
MC; NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN;
TD; TG
SECTION:
CA201007 Pharmacology

6/7/12 (Item 6 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

138023657 CA: 138(3)23657b PATENT
Enhanced antigen delivery and modulation of the immune response using
antigen/anti-DEC-205 antibody conjugates
INVENTOR(AUTHOR): Hawiger, Daniel; Nussenzweig, Michel C.; Steinman,
Ralph M.
LOCATION: USA
PATENT: U.S. Pat. Appl. Publ. ; US 20020187131 A1 DATE: 20021212
APPLICATION: US 925284 (20010809) *US 381528 (19950131) *US 586704
(20000605)
PAGES: 19 pp., Cont.-in-part of U.S. Ser. No. 586,704. CODEN: USXXCO
LANGUAGE: English CLASS: 424093700; A61K-039/395A
SECTION:
CA215002 Immunochemistry
IDENTIFIERS: dendritic cell antigen presentation DEC205 antibody T
lymphocyte activation, tolerance dendritic cell antigen presentation DEC205
antibody

6/7/10 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

139116270 CA: 139(8)116270f PATENT
Enhancing the immunogenicity of carcinoembryonic antigen
INVENTOR(AUTHOR): Klysner, Steen; Voldborg, Bjorn
LOCATION: Den.
ASSIGNEE: Pharmexa A/S
PATENT: PCT International ; WO 200359379 A2 DATE: 20030724
APPLICATION: WO 2003DK31 (20030117) *DK 200282 (20020117) *US PV350047
(20020117)
PAGES: 140 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: A61K-039/00A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ;
CA; CH; CN; CO; CR; CU; CZ; CZ; DE; DE; DK; DK; DM; DZ; EC; EE; EE; ES; FI;
FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC;
LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SK; SL; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW; AM; AZ; BY; KG DESIGNATED REGIONAL: GH; GM; KE
; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZM; ZW; AT; BE; BG; CH; CY; CZ; DE; DK;
EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PT; SE; SI; SK; TR; BF; BJ;
CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG
SECTION:
CA215002 Immunochemistry

6/7/7 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

139336914 CA: 139(22)336914j PATENT
Treating cancer by using dendritic cell/dendritic cell mediator
combination
INVENTOR(AUTHOR): Crystal, Ronald G.; Kikuchi, Toshiaki
LOCATION: USA
ASSIGNEE: Cornell Research Foundation, Inc.
PATENT: U.S. Pat. Appl. Publ. ; US 20030202963 A1 DATE: 20031030
APPLICATION: US 421351 (20030423) *US 689195 (20001012)
PAGES: 38 pp., Cont. of U.S. Ser. No. 689,195, abandoned. CODEN: USXXCO
LANGUAGE: English CLASS: 424093200; A61K-048/00A; A61K-009/127B;
A61K-038/19B
SECTION:
CA215002 Immunochemistry
IDENTIFIERS: cancer therapy dendritic cell mediator combination viral
vector

8/3/62 (Item 28 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2004 American Chemical Society. All rts. reserv.

128216369 CA: 128(18)216369m PATENT
Bi- and trispecific antibodies for induction of tumor immunity
INVENTOR(AUTHOR): Lindhofer, Horst; Kolb, Hans-Jochem; Thierfelder,
Stefan
LOCATION: Germany,
ASSIGNEE: GSF-Forschungszentrum fuer Umwelt und Gesundheit G.m.b.H.
Neuherberg
PATENT: Germany Offen. ; DE 19710497 A1 DATE: 19980305
APPLICATION: DE 19710497 (19970313) *DE 19635743 (19960903) *DE 19648976
(19961126)
PAGES: 18 pp. CODEN: GWXXBX LANGUAGE: German CLASS: C07K-016/28A;
A61K-039/395B

8/3/43 (Item 9 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

138023657 CA: 138(3)23657b PATENT

Enhanced antigen delivery and modulation of the immune response using antigen/anti-DEC-205 antibody conjugates

INVENTOR(AUTHOR): Hawiger, Daniel; Nussenzweig, Michel C.; Steinman, Ralph M.

LOCATION: USA

PATENT: U.S. Pat. Appl. Publ. ; US 20020187131 A1 DATE: 20021212

APPLICATION: US 925284 (20010809) *US 381528 (19950131) *US 586704 (20000605)

PAGES: 19 pp., Cont.-in-part of U.S. Ser. No. 586,704. CODEN: USXXCO

LANGUAGE: English CLASS: 424093700; A61K-039/395A

8/3/42 (Item 8 from file: 399)

DIALOG(R) File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

138112393 CA: 138(8)112393e PATENT

Bispecific fusion proteins binding to cell surface proteins and effector cells and their use in tumor therapy

INVENTOR(AUTHOR): Schirmacher, Volker

LOCATION: Germany,

PATENT: European Pat. Appl. ; EP 1275724 A1 DATE: 20030115

APPLICATION: EP 2001116847 (20010710)

PAGES: 30 pp. CODEN: EPXXDW LANGUAGE: English CLASS: C12N-015/62A;
C07K-016/10B; C07K-016/28B; C07K-014/705B; C07K-014/535B; C07K-014/55B;
C12N-015/70B; A61K-035/12B; A61P-035/00B DESIGNATED COUNTRIES: AT; BE; CH;
DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE; MC; PT; IE; SI; LT; LV; FI; RO;
MK; CY; AL; TR